BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of Work: Estimate for Maintenance of Existing Borewells only for Drilled and Maintenance by BBMP In ward No. 05 surrounding area Byatarayanaupra Sub Division

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
1	1980	Lifting of Submersible pump set as per Soecification and direction	Each	109.00	
2	22	Transportation of pumping machineries	Each	900.00	
3	22	Labour charges (over hauling)	Job	550.00	
4	7	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. **PRED SR (2012-13) P No. 54 / I. No. 10.1) (Above 10 HP upto 20 HP add Rs.150/- for every ½ HP) 12.5HP**		4750.00	
5	15.00	**15 HP**		5500.00	
6	22	Starter (with one year Guarantee)	No.	5050.00	
7	22	Rotor (with one year Guarantee)	No.	4700.00	
8	195	Pump Bowls	No.	700.00	
9	20	Intermediate Piece (I.P) With IP Leaded Bronxe bush	No.	450.00	
10	22	Upper Flange	No.	350.00	
11	22	Lower Housing	No.	650.00	
12	22	Carbon Housing	No.	475.00	
13	22	Thrust bearing block assembly complete with Segment bearing pad.	No.	1150.00	
14	22	Oil Seal	No.	125.00	
15	22	Oil Seal Steel Bush	No.	150.00	
16	100	Guide vane	No.	175.00	
17	22	Impeller Shell moulded with aluminium Bronze)	No.	425.00	
18	40	Discharge outlet (D.O) Bearing D.O Steel Bush	No.	445.00	
19	40	D.O Bearing	No.	285.00	
20	150	Steel Bush	No.	150.00	
21	175	Allen Screw	No.	25.00	
22	22	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	No.	950.00	
23	22	Pump Key (Stainless Steel)	No.	125.00	
24	22	Pump Couping (Stainless Steel)	No.	250.00	
25	15	Non – return valve (NRV) assembly complete with rubber 'O' Ring	No.	1350.00	
26	22	Cable Guard	No.	150.00	
27	22	Strainer	No.	150.00	

No of corrections - Nil

12/01
E.E. (BTP. DIV)
12/01

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
28	22	Brass Filter	No.	250.00	
29	22	Labour Chargesw (Over Hauling Only)	No.	556.00	
30	20	Re-erection charges of pumping machineries including overhauling and pointing	Each	950.00	
31	30	Lock Ring	Each	85.00	
32	20	a) Carbon Housing	Each	475.00	
33	20	Top Carbon/Ferrodo padding	Each	150.00	
34	100	Stud and Nuts	Each	50.00	
35	20	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush	Each	400.00	
36	50	Circillps	Each	50.00	
37	20	Motor Base With Pin	Each	475.00	
38	2	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 25 stage	No	70685 71020.00	
39	4	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	14800.00	
40	88000.00	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm	Sqm	0.34	
41	400.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A**	Mtr	185.00	

No of corrections - Nil

12/01

E.E. (STP DIV)

12/01

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
42	30.00	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve.	No's	1600.00	
43	30.00	Providing and fixing of 50mm GI bend to motor	No's	232.14	219.00
44	30.00	Providing and fixing of 50mm GI Nipple to motor (	No's	110.56	104.30
45	30.00	Providing and fixing of 50mm GI union to the motor (	No's	237.12	223.70
46	50.63	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications	Cum	200.34	
47	150.00	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete	Mtr	366.76 368.88	
48	50.63	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications	Cum	76.32 80.56	
49	10 11	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2120 2175.12	
50	1300.00	Threading of GI Pipes 50mm Dia	Nos	25.00	

No of corrections - Nil

DTS Approved
With Corrections at
Item Nos: 38 and 43 to 49

12/01

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Chief Engineer
Yelahanka Zone
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12.01.17